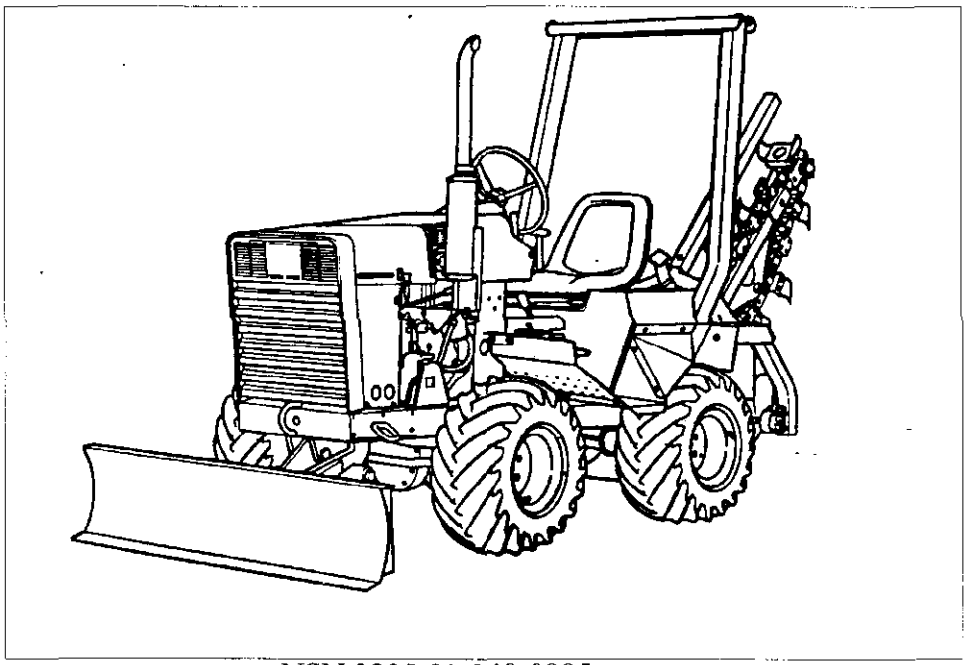
STATEMENT OF WORK
SOW-00-837-2-10050A-2/1
DITCHING MACHINE
MODEL 2300
NSN 3805-01-240-0995



NSN 3805-01-240-0995
Effective date November 20, 1999

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STATEMENT OF WORK FOR THE
Inspect Repair Only as Necessary (IROAN)
For the
**Ditching Machine**
**Ditch Witch Model 2300**

1.0 **SCOPE**. This Statement of work (SOW) establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor in the IROAN effort of the Ditching Machine. This document contains requirements to restore the Ditching Machine to condition code "A." Condition code A is defined as serviceable/issuable without qualification. Equipment defined as such should be new, used, repaired or reconditioned material is serviceable/issuable to all customers without limitation or restriction. This includes material with more than 6 months shelf-life remaining. National Stock Number (NSN) shall be known as the Ditching Machine (NSN 3805-01-240-0995).

1.1 **Background.** IROAN is defined as "the maintenance technique, which determines the minimum repairs necessary to restore equipment components or assemblies, to prescribed standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement."

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2.0 **APPLICABLE DOCUMENTS.** The following documents form a part of this SOW to the extent specified. Unless otherwise specified, issues of these documents are those listed which are in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 **Specifications and Standards**

| | |
|---|---|
| MIL-STD-129 | DoD Standard Practice for Military Marking |
| MIL-STD-642 | Identification Marking of Combat and Tactical Transport Vehicles |
| MIL-STD-130 | Identification Marking of U.S. Military Property. |

**Military Standards (For Reference Only)**

| | |
|---|---|
| MIL-STD-973 | Configuration Management. INT CHG 3 |

2.2 **Other Government Documents and Publications.** The issues of these documents cited below shall be used:

| | |
|---|---|
| SL-4-10050A | Repair Parts List For Ditching Machine Model 2300 W/CH1 |
| TM-10050A-14 | Operation and Maintenance Instructions for Ditching Machine Ditch Witch Model 2300 W/CH1 |

| | |
|---|---|
| MI-10050A-25/1 | Modification Instruction, Relocation of Battery Cables on the Ditching Machine, Model 2300 |
| MI-10050A-25/2 | Modification Instruction, Securing the Backfill Blade on the Ditching Machine, Model 2300 |
| MI-10050A-35/3 | Modification Instruction, Installation of Lifting Eyes on the Ditching Machine, Model 2300 |
| DITCHWITCH | Parts Book 2300 |
| ATPD-2241 | Vehicles, Wheeled Preparation for Shipment and Storage |

2.3 **Industry Standards**.

ANSI/ISO/ASQC Q9002-1994, QUALITY SYSTEMS

Copies of Military Specifications and Standards are available from the Naval Publications and Forms Center, (Attn.: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120-5099. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Commander, Attn: Contracting Officer (Code 891) Marine Corps Logistics Bases, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (912) 439-6761 or DSN 567-6761.Copies of engineering drawings, if applicable, shall be obtained Life Cycle Management Center, Attn: Code 825-3, 814 Radford Blvd. Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (912) 439-6410 or DSN 567-6410.

## 3.0 REQUIREMENTS

3.1 **General Tasks.** In fulfilling the specified requirements, the contractor shall provide and maintain a Quality System that adheres to the requirements of ANSI/ISO/ASQC Q9002-1994, Quality Systems Model for Quality Assurance in Production, Installation, and Servicing, for supplies and services.

a. Provide materials, labor, facilities, missing parts, and repair parts necessary to inspect, diagnose, restore, and test the Ditching Machine. Upon completion of IROAN, repaired equipment shall be Condition Code "A".

b. Provide all tools and test equipment required to test, inspect, and calibrate the Ditching Machine.

c. In-process and final on-site testing must be witnessed by an MCLB, Albany representative. The contractor shall be responsible for all structural, electrical and mechanical requirements associated with the restoration of the Ditching Machine.

3.1.1 **Iroan Objectives and Functions.** After IROAN, the Ditching Machine shall have the following minimum characteristics:

a. Reliable as per system specifications

b. Maintainable as per system specifications.

c. Serviceable (Condition Code "A").

d. All vehicle systems and components shall operate as intended.

3.2. **Detailed Tasks**. The following tasks describe the different phases for IROAN of the Ditching Machine:

| | |
|---|---|
| Phase I | Pre-Induction |
| Phase II | IROAN |
| Phase III | Inspection, Testing and Acceptance |
| Phase IV | Packaging, Handling, Storage and Transportation (PHS&T) |

3.2.1 **Phase I - Pre-induction.**

a. A pre-induction inspection analysis shall be performed for the Ditching Machine using the contractor facility's diagnosis, inspection and testing techniques to determine extent of work and parts required. These findings shall be annotated on the Pre- Inspection Check Sheet located in Appendix A, maintained and be made available upon request to the MCLB Albany, representatives.

b. Test equipment shall be used to determine that assemblies and subassemblies meet prescribed reliability performance, and work requirements. In cases when conformance to the SOW cannot be certified through existing inspection and testing procedures and by use of diagnostic equipment, the assembly shall be removed, disassembled, inspected, tested or repaired to the degree necessary to assure full conformance with this SOW.

c. Oil seal and gasket leakage. Evidence of lubricating or hydraulic oils passing through or around a seal is not a defect; however, consideration must be given to the fluid capacity in the item being checked/inspected. Inspection shall normally be performed during and immediately following an operational test, but not sufficient duration to allow the fluids to return to ambient temperature. The following shall be used as a guide in determining degree of oil loss:

(1) Class I - Seepage of fluid indicated by wetness or discoloration not great enough to form drops.

(2) Class II - Leakage of fluid great enough to form drops, but not enough to cause drops to fall from the item being checked/ inspected.

(3) Class III - Leakage of fluid great enough to form drops that fall from the item being checked /inspected.

**NOTE**: A CLASS I OR II LEAK, EXCEPT FUEL SYSTEM AND BRAKE SYSTEM, IS AN ACCEPTABLE CONDITION AT ANY TIME AND DOES NOT REQUIRE CORRECTIVE ACTION.

3.2.2 **Phase II - IROAN**. IROAN shall be performed at the contractors facility. Information recorded on the IROAN Pre-Induction Check Sheets (Appendix A) during the Pre-induction Phase shall be used as a guide by the contractor to achieve the mechanical baseline of production. After pre-induction tests and inspections have been completed, repair of the Ditching Machine shall be accomplished in accordance with this SOW. Deficiencies noted on the Pre-Induction Check Sheet during Phase I shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of mandatory parts unless that part has failed, or the component assembly where in the part is located is disassembled for repair. Mandatory replacement parts are contained in TM-10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300. The final Operational Test Sheet shall be completed and can be found in Appendix B of this SOW.

**A. DETAILED MECHANICAL REWORK.** Ditching Machines received for IROAN shall be reworked in accordance with the following paragraphs. All discrepancies noted on the IROAN Pre-Induction Check Sheet shall be repaired/replaced.

**B. HARDWARE**

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, safety, and one-time use items, etc, in accordance with this SOW. Unserviceable would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

(4) Hardware used in this IROAN shall be in accordance with existing technical publications.

**C. ENGINE ASSEMBLY**

(1) TEST PROCEDURES. After all pre-induction tests and inspections have been completed, the power pack shall be removed from the equipment, steam cleaned, and inspected for loose or missing items. Follow all warnings and procedures to assure you are working with safe and efficient methods and conditions. Inspect the following assemblies and all sub assemblies:

(a) Cylinder Head Assembly

(b) Rocker Arm/Bracket Assembly

(c) Rocker Chamber Cover Assembly

(d) Push Rod and Tube Assembly

(e) Crankshaft

(f) Crankshaft Gear Wheel Assembly

(g) Crankshaft Main Bearings

(h) Upper and Lower Bearing Brackets

(i) Thrust Bearing and Housing Assembly

(j) Counter Weights Assembly

(k) Drive Shaft Gear Wheel Assembly

(l) Cylinder Sleeve and Shims Assembly

(m) Piston and Piston Rings

(n) Crankcase Assembly

(o) Oil Pressure Relief Valve Assembly

(p) Connecting Rod and Bearings

(q) Cylinder Liner

(r) Engine Balance and Balance Weights

(s) Camshaft, and Bearings

(t) Gear Train Assembly

(u) Camshaft Gear Wheel Assembly

(v) Idler Gear and Bearing Assembly

(w) Crankshaft Timing Gear Assembly

(x) Engine Mount Assembly

**FRONT COVER ASSEMBLY**

(a) Front Cover Assembly

(b) Seal and Bearing Assembly

(c) V-Belt Pulley Assembly

d) Stop Lever Assembly

(e) Filler Cap Assembly

(f) Shaft and Spring Assembly

(g) Arm Assembly

**FUEL SYSTEM**

(a) Fuel Injector Assembly

(b) Fuel Injector Tube Assembly

(c) Fuel Feed Pump and Parts Kit Assembly

(d) Fuel Injection Pump Assembly

(e) Fuel Strainer and Fuel Filter Assembly

(f) Fuel Bowl Assembly

(g) Fuel Filter Head Assembly

(h) Fuel Lines and Fittings Assembly

(i) Fuel Tank Assembly

(j) Tube Assembly

(k) Fuel Gauge Assembly

(l) Filler Neck and Cap Assembly

**REGULATOR ASSEMBLY**

(a) Guide Plate Assembly

(b) Drive Shaft and Bearing Assembly

(c) Governor Assembly

(d) Coupling Half Assembly

(e) Lever Arm Assembly

(f) Leaf Spring Assembly

**FLYWHEEL ASSEMBLY**

(a) Adapter Housing Assembly

(b) Flywheel and Valve Assembly

(c) Bearings and Seal Assembly

(d) Bearing Housing Assembly

(e) Stop Ring Assembly

**BLOWER ASSEMBLY**

(a) Rotor Assembly

(b) Impeller Assembly

(c) Blower Jacket Assembly

(d) V-Belts

**ENGINE AIR COOLING ASSEMBLY**

(a) Air Cowling Assembly

(b) Cover Plate Assembly

(c) Stay Plate Assemblies

(d) Shield Assembly

**LUBRICATION SYSTEM**

(a) Lubrication Oil Pump Assembly

(b) Lubrication Oil Filter Assembly

(c) Lubricating Oil Cooler Assembly

(d) Oil Level Dipstick Assembly

(e) Cover Assembly

(f) Breather and Hose Assembly

(g) Screw Plug, Disk and Spring Assembly

(2) PASS/FAIL. After the engine run test has been completed. The engine assembly shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and parts replacement can be found in TM-10050A-14, Sl-4-1005A and Ditch Witch Parts Book 2300. Lubricate in accordance with LI-10050A.

**D. POWER STEERING SYSTEM**

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM-1005A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Steering Column Assembly

(b) Orbital Valve Assembly

(c) Control Assembly

(d) Cylinder Assembly

(e) Cylinder Barrel

(f) Cylinder Rod Assembly

(2) PASS/FAIL. After the Steering System test has been completed. The system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and parts replacement can be found in TM-10050A-14, Sl-4-1005A and Ditch Witch Parts Book 2300.

**E. HYDRAULIC SYSTEM**

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM-1005A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Hydraulic Filter and Element

(b) Cartridge and Valve Assembly

(c) Hoses and Fittings Assembly

(d) Pump Assembly

(e) Control Valve Assembly

(f) Lever Link Assembly

(g) Inner and Outer Handle Assembly

(h) Lever Support and Bracket Assembly

(i) Hydraulic Reservoir Assembly

(j) Parts Kit Assembly

(k) Air Filter Base Assembly

(l) Sight Glass Assembly

(m) Flow Control Valve Assembly

(n) Speed Control Valve Assembly

(o) Hydraulic Motor Drive Assembly

(2) PASS/FAIL. After the Hydraulic System run test has been completed. The system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and parts replacement can be found in TM-10050A-14, Sl-4-1005A and Ditch Witch Parts Book 2300.

**F. TRANSMISSION ASSEMBLY**

(1) TEST/INSPECTION PROCEDURES. After all pre-induction tests and inspections have been completed, the Transmission shall be removed from the equipment, steam cleaned, and inspected for loose or missing items. Follow all warnings and procedures to assure you are

working with safe and efficient methods and conditions. Inspect the following:

(a) Input and Output Shaft Bearing and Retainer Assemblies

(b) Cluster Gear and Gear Roller Assembly

(c) Cluster Gear Spacer

(d) Synchronizer Assembly

(e) Oil Baffle

(f) Transmission Cap Assembly

(g) Counter Shaft, Roller and Spacer

(h) Roller and Blocking Ring

(i) Intermediate Gear

(j) Reverse Idler Gear and Shaft Assembly

(2) PASS/FAIL. After the Transmission run test has been completed. The Transmission assembly shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and parts replacement can be found in TM-10050A-14, Sl-4-1005A and Ditch Witch Parts Book 2300.

## G. AIR FILTER SYSTEM

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM-1005A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Air Cleaner Assembly

(b) Element Assembly

(c) Body Assembly

(d) Clamp Assembly

(e) Hose and Clamp Assembly

(f) Cup and Deflector Assembly

(g) Fuel Minder Assembly

(2) PASS/FAIL. Repair/Replace any or all of the above components that fail pre-induction inspections/test.

(3) The above procedures for repair and replacement parts can be found in TM-10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300.

## H. ELECTRICAL SYSTEM

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM-10050A-14 and MI-10050A-25/1 to conform with testing procedures to assure full conformance with this SOW.

(2) The Ditching Machine electrical system is interconnected through the console, frame and engine harnesses. A 12 volt battery provides power for the electrical system.

**Note** Jump starting this system with other than a 12-volt negative ground will cause damage to the electrical system. Inspect the following and all components:

(a) Battery and Lead Assembly

(b) Receptacle Assembly

(c) Gages, Lights and Switches

(d) Wiring Harness Assembly

(e) Alternator Assembly

(f) Regulator Assembly

(g) Charging Circuit Assembly

(h) Starting Circuit Assembly

(i) Starter Motor Assembly

(j) Relay Solenoid Assembly

(k) Solenoid Valve Assembly

(l) Sending Unit Assembly

(m) Instrument Panel and Controls

(n) Backup Alarm Assembly

(o) Horn and Light Assembly

(3) PASS/FAIL. After an electrical circuit test has been completed. The electrical system shall meet or exceed the minimum specifications to be considered as having passed.

(4) The above procedures for repair and parts replacement can be found in TM 10050A-14, MI-10050A-25/1 and Ditch Witch Parts Book 2300 and SL-4-10050A.

## I. OPERATOR CONSOLE

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Steering Wheel Assembly

(b) Directional Control Lever Assembly

(c) Transmission Shift Lever Assembly

(d) Quick Start Assembly

(e) Pull Stop Assembly

(f) Throttle Control Lever Assembly

(g) Foot Brake Assembly

(h) Hand Brake Assembly

(i) Seat Assembly

(2) PASS/FAIL. After the operator console test has been completed, the console shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement of parts can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300..

## J. BELT CLUTCH ASSEMBLY

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Clutch Lever Assembly

(b) Brake Switch Assembly

(c) Clutch Pin Assembly

(d) Actuator Assembly

(e) Rod End Assembly

(f) Clutch Link Rod Assembly

(g) Clutch Arm Assembly

(h) Ball Bearing and Spacer Assembly

(i) Belt Idler Roller and Spacer Assembly

(j) Roller Support Assembly

(k) Clutch Rod and Spring Assembly

(2) PASS/FAIL. After the Belt Clutch Assembly test has been completed, the system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement of parts can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300..

## K. RIGHT ANGLE DRIVE AND DRIVE ASSEMBLY

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Sheave and Bushing Assembly

(b) Shaft, Yoke and Pinion Assembly

(c) Right Angle Housing Assembly

(d) Headshaft and Pivot Adapter Assembly

(e) Ring Gear and Cover Assembly

(f) Hub Assembly

(g) Bearing and Support Bracket Assembly

(h) Pinion Gear and Cover Assembly

(i) Pinion Assembly

(j) Drive Assembly Housing

(2) PASS/FAIL. After the Right Angle Drive and Drive Assembly test has been completed. The system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement of parts can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300..

## L. TRENCHER PIVOT ASSEMBLY

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW

(a) Auger and Support Assembly

(b) Head Shaft Assembly

(c) Sprocket Wheel and Hub Assembly

(d) Pivot and Pin Assembly

(e) Offset Pivot Link Assembly

(f) Pivot Link Assembly

(g) Bearing and Housing Assembly

(h) Hydraulic Lines Assembly

(i) Pivot Cylinder Assembly

(j) Cylinder Rod Assembly

(k) Cylinder Barrel Assembly

(l) Trencher Boom Assembly

(m) Trencher Cleaner and Support Assembly

(n) Digging Chain Assembly

(2) PASS/FAIL. After the Trencher Pivot Assembly test has been completed, the system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300.

**M. BACKFILL BLADE ASSEMBLY**

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 and MI-10050A-25/2 to conform with testing procedures to assure full conformance with this SOW

(a) Backfill Arm Assembly

(b) Backfill Pivot Assembly

(c) Lift Pivot Pin Assembly

(d) Bushing Assembly

(e) Hydraulic Lines Assembly

(f) Backfill Blade Angle Cylinder Assembly

(g) Backfill Blade Lift Cylinder Assembly

(h) Cylinder Rod Assemblies

(i) Cylinder Barrel Assemblies

(2) PASS/FAIL. After the Backfill Blade Assembly test has been completed, the system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement can be found in TM 10050A-14, SL-4-10050A, MI-10050A-25/2 and Ditch Witch Parts Book 2300..

**N. BRAKE SYSTEM**

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Brake Pedal Assembly

(b) Brake Shaft Assembly

(c) Clutch Pedal Assembly

(d) Spring and Carrier Assembly

(e) Brake Shoe Assemblies

(f) Caliper Bracket Assembly

(g) Brake Disc Assembly

(h) Driveshaft and Yoke Assembly

(i) Compression Spring Assembly

(j) Brake Cam Lever Assemblies

(k) Mounting Brackets

(2) PASS/FAIL. After the Brake System test has been completed, the system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300.

## O. ENGINE MUFFLER ASSEMBLY

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW

(a) Muffler Assembly

(b) Elbow Assembly

(c) Muffler Brace Strap Assembly

(2) PASS/FAIL. After the Engine Exhaust System test has been completed. The system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300.

## P. ENGINE COOLING SYSTEM

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Air Cowling Assembly

(b) Cover and Stay Plate Assembly

(c) Cooling Fan Assembly

(d) Blower Pulley Assembly

(e) Fan and Housing Assembly

(2) PASS/FAIL. After the Cooling System test has been completed the system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement of parts can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300.

## Q. FRONT AND REAR AXLE ASSEMBLY

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Front Axle Cradle Assembly

(b) Shifter Fork and Journal Assembly

(c) Propeller Shaft Assembly

(d) Spider Assembly

(e) Steering Cylinder Assembly

(f) Tie Rod and Clevis Assembly

(g) Steering Housing Assemblies

(h) Axle and Yoke Assembly

(i) Spindle Shaft and Flange Assembly

(j) Cross and Bearing Assembly

(k) Hub Cap Assembly

(l) Short and Long Rear Axle Assembly

(m) Rear Sprocket Assembly

(n) Rear Flange Yoke Assembly

(o) Rear Spider Assembly

(p) Rear Axle and Flange Yoke Assemblies

(2) PASS/FAIL. After the Front and Rear Axle Assembly test has been completed, the system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement of parts can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300.

## R. FRONT AND REAR DIFFERENTIAL ASSEMBLY

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Differential Mount Assembly

(b) Drive Shaft and Yoke Assembly

(c) Differential Carrier Assembly

(d) Ring Gear and Pinion Assembly

(e) Axle Gear Assembly

(f) Pinion Shaft Assembly

(g) Pinion Race and Bearing Assembly

(h) Pinion Gear Assembly

(i) Case and Cover Assembly

(2) PASS/FAIL. After the Front and Rear Differential Assembly test has been completed, the system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement of parts can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300.

## S. CLUTCH ASSEMBLY

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Release Shaft Assembly

(b) Clutch Pedal Assembly

(c) Clutch Rod and Clevis Assembly

(d) Parking Brake Lever Assembly

(e) Brake Shaft Assembly

(f) Clutch Housing Assembly

(g) Throwout Bearing and Carrier Assembly

(h) Clutch Release Bearing

(i) Clutch Yoke Assembly

(j) Pressure Plate Assembly

(k) Clutch Plate Assembly

(l) Clutch Adapter Assembly

(2) PASS/FAIL. After the Clutch Assembly test has been completed, the system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement of parts can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300.

**T. TIRE AND RIM ASSEMBLY**

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Wheel Assembly

(b) Tire

(c) Valve Assembly

(2) PASS/FAIL. After the Tire and Rim Assembly test has been completed, the system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement of parts can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300.

**U. THROTTLE ASSEMBLY**

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with

TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Bell Crank Assembly

(b) Throttle Rod Assembly

(c) Foot Throttle Link Assembly

(d) Throttle Link Rod Assembly

(e) Throttle Lever Assembly

(f) Foot Throttle Lever Assembly

(g) Lever Mount Assembly

(h) Right Front Fender Assembly

(2) PASS/FAIL. After the Throttle Assembly test has been completed, the system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair parts and replacement can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300.

**V. JACKSHAFT AND MOBIL-DIG SHIFTER ASSEMBLY**

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Jack Shaft and Yoke Assembly

(b) Power Takeoff Assembly

(c) Bearing Unit Assembly

(d) Journal Assembly

(e) Clutch Fork

(f) Pillow Block Bearing Assembly

(g) Lock Collar Assembly

(h) Mobile-Dig Shifter Assembly

(2) PASS/FAIL. After the JackShaft and Mobile-Dig Shifter Assembly test has been completed, the system shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair parts and replacement can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300.

## W. CHAIN IDLER AND INTERMEDIATE SHAFT

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 to conform with testing procedures to assure full conformance with this SOW.

(a) Chain and Adjuster Assembly

(b) Idler Sprocket and Support Bar Assembly

(c) Bearing and Race Assembly

(d) Pillow Block Bearing and Shaft Assembly

(e) Intermediate Shaft Assembly

(f) Sprocket Assembly

(g) Intermediate Shaft Mount Assembly

(2) PASS/FAIL. After both the Chain Idler and Intermediate Shaft have been tested, the assemblies shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement of parts can be found in TM 10050A-14, SL-4-10050A and Ditch Witch Parts Book 2300.

## X. FRAME ASSEMBLY

(1) TEST/INSPECTION PROCEDURES. Test the following in accordance with TM 10050A-14 and MI-10050A-35/3 to conform with testing procedures to assure full conformance with this SOW.

(a) Steering Wheel Assembly

(b) Hood Assembly

(c) Grill Assembly

(d) Instrument Panel Assembly

(e) Seat Assembly

(f) Top Channel ROP Assembly

(g) Left and Right Rear Posts Assembly

(h) Lifting Eye Assembly

(2) PASS/FAIL. After the frame assembly have been tested, the assemblies shall meet or exceed the minimum specifications to be considered as having passed.

(3) The above procedures for repair and replacement of parts can be found in TM 10050A-14, SL-4-10050A, MI-10050A-35/3 and Ditch Witch Parts Book 2300.

**Y. DATA PLATES AND DECALS**

(1) DATA PLATE. Each repaired Ditching Machine shall have an IROAN data plate affixed next to the existing data plate. The data plate shall meet the requirements of MIL-STD-130.

(2) Test procedures. Inspect the Ditching machine for missing, damaged and illegible data plates and decals.

(3) PASS/FAIL. Replace all data plates and decals that are missing and illegible. IROAN data plates shall be prepared by the DMA or contractor and contain the following information:

VEHICLE SERIAL NO_____REPAIRED IN
ACCORDANCE WITH TM 10050A-14 STANDARDS.
CONTRACTOR
FACILITY_____
DATE_____
ODOMETER OR HOUR READING AT TIME OF IROAN_____

**NOTE:** Odometers and hour meters on vehicles IROAN under provisions of this SOW shall not be turned back to zero.

Position IROAN DATA PLATE in place of old data plate.

**RECORD JACKET:** Be sure to record all major equipment or component serial numbers that are replaced in the record jacket of the Ditching machine. (This include engines, ect).

3.2.3. **Phase III - Inspection, Testing and Acceptance.**

a. Inspection, testing and acceptance of the Ditching machine shall be conducted in accordance with TM 10050A-14 STANDARDS.

b. The contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are available to complete the final acceptance. Acceptance test shall be held at the contractor facility. MCLB, Albany, Georgia representatives shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be cleared of all Ditching machine parts and components, ect, not required for the test.

c. The contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCLB Albany, Georgia representatives may require the contractor to report tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. Acceptance testing on the Ditching machine repaired under the provisions of this SOW shall be accomplished in accordance with TM 10050A-14.

e. Vehicle Markings. Registration numbers and other markings shall be applied in accordance with MIL-STD-642. Lifting and tie down attachments shall be identified with one inch letters indicating "SLING POINT" or "TIE DOWN."

3.2.4. **Phase IV - Packaging Handling Storage and Transportation (PHS&T).**

a. The Contractor shall be responsible for the preservation and packaging of the equipment being repaired under the terms of this State of Work. Items being prepared for long term storage shall be in accordance with the level "A" requirements of ATPD-2241. Items scheduled for domestic shipment or immediate use with the exception of Maritime Prepositioned Forces (MPF), shall be preserved to level "B", Drive-on/Drive-off. Items preserved to level "B", Drive-on/Drive-off being prepared for overseas shipment shall have a label affixed which reads: "NOT FOR WEATER DECK STOWAGE." Items scheduled for MPF shall be preserved to level "B", MPF Modified Drive-away."

(a) Drive-On/Drive-Off - Batteries shall be hot and disconnected from vehicle electrical system. Terminals and leads shall be taped. Fuel tank shall be filled ¼ tank full. The air intake system, exhaust and brake systems, drive-train and gauges are to be de-preserved.

(b) MPF Modified Drive Away - Batteries shall be hot and connected to vehicle electrical system. Fuel tank shall be filled ¾ full of JP5 with additives. The air intake system, exhaust brake systems, and gauges are to be de-preserved. Fire extinguisher bracket will be installed. Marking shall be in accordance with MIL-STD-129.

(c) The Marine Corps will provide the Contractor with the shipping address(es) for delivery of the repaired equipment. The Contractor will be responsible for arranging for shipment to the predesignated site(s). The Marine Corps shall be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.3 **CONFIGURATION MANAGEMENT**

3.3.1 **Configuration Status Accounting (CSA)**

a. The contractor shall record and submit data on retrofit accomplished during Phase II.

b. The contractor shall determine the application status of approved configuration changes by visual inspections to the extent possible. The government will identify the configuration changes to be inspected by furnishing a configuration inspection check sheet to the contractor. The contractor shall use one check sheet for the Ditching machine to record the inspection findings along with other required data . The check sheet must be prepared/provided by the requiring office for attachment at the time of SOW staffing.

c. The contractor shall record serial numbers of the assemblies listed on the configuration inspection check sheet. The contractor shall record the information on the same form that was used to record the application status of configuration changes.

3.3.2 **Configuration Control.** The baseline configuration for the Ditching machine has been established in TM 1005A-14 and SL-4-10050A. No deviations from this baseline configuration shall be allowed unless authorized by MCLB Albany, Georgia (Code 837). When deemed necessary to request a temporary departure from a configured item's characteristics, the contractor shall prepare and submit a Request for Deviation/Request for Waiver. MIL-STD-973 (paragraphs 5.4.3 and 5.4.4 and Appendix E) may be used as a guide.

## 3.4 GOVERNMENT FURNISHED EQUIPMENT (GFE)/GOVERNMENT FURNISHED MATERIEL (GFM).

GFE is government owned equipment authorized by contract for use by a commercial/ government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into product being manufactured/remanufactured under a contract/statement of work. In the event the Marine Corps does have GFE/GFM requirements, the Management Control Activity (MCA/Code 822), Marine Corps Logistics Bases, Albany, Georgia, will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets. The Contractor shall report receipt of all GFM and report consumption of GFM to the MCA.

## 3.5 QUALITY ASSURANCE PROVISIONS

a. The performances of the contractor and the quality of work delivered, material provided and documents written shall be subject to in process review and inspection by the MCLB Albany representatives during contract performance. Inspection may be accomplished at any work location. Authorized MCLB Albany representatives shall be permitted to observe the work/task accomplishment or to conduct inspections at a reasonable hour. Acceptance tests shall be held in plant. Inspection by the MCLB Albany, representatives of all acceptance tests plans, materials and associated lists furnished hereunder does not relieve the contractor from any

responsibility regarding defects or other failures to meet contract requirements which may be disclosed prior to final acceptance.

b. The Contractor shall provide and maintain a quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9002-1994, Quality System Model for Quality Assurance in Production, Installation, and Servicing.

c. The contractor shall have in place documented procedures and standards for quality assurance and the repair facilities work shall be subject to in process reviews and inspections for compliance with these procedures and standards by MCLB Albany representatives. Noncompliance with procedures resulting in degraded quality of work may result in a stop work order requiring action for the contractor to correct the work performed and to enforce compliance with quality assurance procedures or face contract termination. Notwithstanding such MCLB Albany representatives inspection. It shall be the repair facilities responsibility to ensure that the entire system meets the performance requirements. Inspection and test plan shall be utilized as guidelines whenever applicable and in accordance with the SOW.

d. Quality assurance operations performed by the contractor shall be subject to MCLB Albany representatives verification at any time. MCLB Albany representatives verification can include, but shall not be limited in any matter to the following:

(1) Inspection of materials, products, assemblies, and documentation to assess compliance with quality standards.

(2) Surveillance of operations to determine that quality assurance, practices, methods, and procedures are being properly applied.

(3) Inspection of deliverable products to assure compliance with all requirements of the Ditching machine, this SOW, and applicable documents used herein.

## 3.6 **ACCEPTANCE**

The performance of the contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in process review and inspection during performance. Inspection may be accomplished in plant or at any work site or location, and Marine/Corps representatives shall be permitted to observe the work or to conduct inspection at all reasonable hours. Final inspection and acceptance testing shall be conducted at the contractor facility. Final acceptance shall be conducted on 100 percent of items to verify that the units meet all requirements. The Ditching machine IROANED under the provisions of this SOW shall be accomplished in accordance with TM-10050A-14.

## 3.7 **REJECTION**

Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCLB, Albany representative. The contractor shall at no additional cost to, MCLB, Albany Georgia, provide the following:

a. Develop an approach for modification or correction of all deficiencies.

b. On approval of a documented approach, the contractor shall correct the deficiencies and repeat verification until acceptable compliance with acceptance test procedures is demonstrated.

## 3.8 **REPORTS**

a. Repairable item inspection report. The contractor shall provide a repairable item inspection report for each IROAN of the Ditching machine identified by United States Marine Corps Serial Number.

b. Monthly progress reports. The contractor shall provide monthly progress reports summarizing the progress and status of the IROAN program.

c. Pre-Induction Check Sheet. The contractor shall complete the pre-induction inspection check sheet Appendix A for each equipment repaired. These documents shall be available during final acceptance testing. One copy of each document shall be provided to MCLB Albany, Georgia Equipment Specialist Code 837-2 after final acceptance of the Ditching machine.

d. The contractor shall provide one copy per vehicle, of the final operation test results Appendix B performed on Ditching machine. Also provide a copy of the Pre-Induction Check Sheet Appendix A. These sheets must be available for review during the final acceptance testing and shall be sent to MCLB Albany Equipment Specialist Code 837-2 upon acceptance of vehicle.

# DITCHING MACHINE PRE-INDUCTION CHECK SHEET

| No | ENGINE AND POWER UNIT | REMARKS | PASS | FAIL |
|---|---|---|---|---|
| 1 | Cylinder Head (Gasket, Leaks Cracks) | | | |
| 2 | Exhaust Sys. (Manifold, Muffl. connections, pipe), Exhaust Back Pressure_PSI, Smoke Analysis(Black, Blue, White) | | | |
| 3 | Valve Mechanism (Covers, Springs, Rocker Arms, Push Rods) Clearance | | | |
| 4 | Crankcase (Leaks, Oil Level, Breather (Clean) | | | |
| 5 | Oil Filters/Coolers (Leaks, Clean) | | | |
| 6 | Radiator (Core, Shutters, Hoses, Cap) (Leaks, Restriction, Damage) | | | |
| 7 | Anti Freeze (Specific Gravity) Protected to _____ | | | |
| 8 | Water Pump, Fan, Shroud (Leaks, Alignment, Mounting) | | | |
| 9 | Accessory Drive Belts and Pulleys (Cracks, Rot, Alignment) | | | |
| 10 | Oil Pump Pressure/Temperature | | | |
| 11 | Governor and Linkage (Leaks, Alignment, Operation) | | | |
| 12 | Overspeed Governor (Connections, Operation) | | | |
| 13 | Air Box, Air Box Drains (Restriction, Gaskets) Pressure_____ | | | |
| 14 | Blower (Leaks, Seals, Mounting, Screen) | | | |
| 15 | Fuel Pumps (Housing, Lines, Connections, Sediment Bowl) | | | |
| 16 | Fuel Filter (Leaks, Restriction, Drain) | | | |
| 17 | Aircleaners/precleaners (Leaks, Connections, Mounting, Restrictions | | | |
| 18 | Injectors, Injector Pumps (Leaks, Filters, Restrictions) | | | |
| 19 | Fuel Tank, Cap, Mounting (Valves, Lines, Traps, Screen) | | | |
| 20 | Fuel Lines/Connections (Cracks, Leaks) | | | |
| 21 | Gauges (Fuel, Oil Temp, Pressure, Vacuum) Operation | | | |
| 22 | Starting Aid (Connections, Linkage) | | | |
| 23 | Emergency Shutdown Devices (Connections, Linkage) | | | |
| 24 | Engine Air Compressor (Gaskets, Seals, Breather) | | | |

# DITCHING MACHINE PRE-INDUCTION CHECK SHEET

| No | ELECTRICAL | REMARKS | PASS | FAIL |
|---|---|---|---|---|
| 1 | Battery (Case, Batter Terminals) Specific Gravity (Record) | | | |
| 2 | Battery (Box, Hold Downs, Cables, Connections) | | | |
| 3 | Battery Charging Generator/Alternator (Mounting, Connections, Brushes Commutators). | | | |
| 4 | Battery Slave Receptacle | | | |
| 5 | Voltage Regulator-Seal (Connections, Ground, Operation) | | | |
| 6 | Starter (Mounting, Connections, Brushes, Commutator) | | | |
| 7 | Lights (Connections, Mounting) Dash, Blackout, Head, Tail, Clearance, Work lights | | | |
| 8 | Wiring Harness (Connection, Insulation) | | | |
| 9 | Switches (Mounting, Connections) | | | |
| 10 | Meters (Volt, Amp, Hour, Odometer, Tachometer, Speedometer) (Mounting, Connections) | | | |

| No | PUMPS AND COMPRESSORS WATER/HYDRAULIC/PNEUMTIC | REMARKS | PASS | FAIL |
|---|---|---|---|---|
| 1 | Reservoir (Leaks, Cracks, Welds, Breather, Filters, Strainer | | | |
| 2 | Pumps (Mounting, Brackets, Housing) Output | | | |
| 3 | Valves (Flow, Check Steering) | | | |
| 4 | Hoses and Connections (Leaks, Cracks, Packing) | | | |
| 5 | Filters/Strainers | | | |
| 6 | Shafts, Couplings, Bearings (Alignment) | | | |
| 7 | Gauges (Oil Pressure, Air Pressure) | | | |
| 8 | Controls | | | |
| | | | | |
| | | | | |

Additional Information

# DITCHING MACHINE PRE-INDUCTION CHECK SHEET

| No | POWER TRAIN | REMARKS | PASS | FAIL |
|---|---|---|---|---|
| 1 | Universal Joints, Drive Shafts, Drive Lines | | | |
| 2 | Gear Housing (Cases, Gaskets, Seals, Leaks, Oil Level) | | | |
| 3 | Gears and Pinions | | | |
| 4 | Bearings, Shafts And Drums | | | |
| 5 | Transmissions, Transfer Cases (Gaskets, Seals, Leaks, Oil Level) Hard to Shift, Noise | | | |
| 6 | Drive Sprockets (Chains, Belts, Pulleys) | | | |
| 7 | Final Drive Differential (Housing, Gaskets, Seals, Oil Level) | | | |
| 8 | Service Brakes | | | |
| 9 | Parking or Emergency Brake | | | |
| 10 | Air Tank or Hydraulic Reservoir | | | |
| 11 | Pedals, Linkage, Cable, Lines and Fittings | | | |
| 12 | Drums and Discs | | | |
| 13 | Shoes, Pistons and Bands | | | |
| 14 | Right Angle Drive Assembly | | | |
| 15 | Belt Clutch Assembly | | | |
| 16 | Trencher Pivot Assembly | | | |

| No | FRAME AND SUSPENSION | REMARKS | PASS | FAIL |
|---|---|---|---|---|
| 1 | Frame (Cracks, Welds, Alignment) | | | |
| 2 | Tires and Rims (Condition) | | | |
| 3 | Axle Assembly , Wheels (Bearings, Mounts) | | | |
| 4 | Pintle Hooks, Mountings, Locks | | | |
| 5 | Hood, Rops Assy | | | |
| 6 | Backfill Blade Assembly | | | |
| 7 | Jackshaft and Mobile-Dig Assembly | | | |
| 8 | Chain Idler and Intermediat Shaft | | | |
| | | | | |
| | | | | |

# DITCHING MACHINE FINAL OPERATION CHECK SHEET

| | SYSTEM OR COMPONENT | TESTING NOTES | SAT | UNSAT |
|---|---|---|---|---|
| | **Fluid Levels** | | | |
| | Fuel Tank | | | |
| | Oil | | | |
| | Cooling System | | | |
| | Brakes | | | |
| | Drive Train(Transmission) | | | |
| | Hydraulic Tank | | | |
| | Pump Drives | | | |
| | Batteries | | | |
| | Differential | | | |
| | Axles | | | |
| | | | | |
| | | | | |
| | | | | |
| | **Electrical System** | | | |
| | Lights | | | |
| | Horn | | | |
| | Instruments | | | |
| | Accessories | | | |
| | Controls | | | |
| | Alarms | | | |
| | | | | |
| | **Steer and Systems-** . | | | |
| | Filters | | | |
| | Hoses and Connections | | | |
| | Air Cleaner Element | | | |
| | Cylinders | | | |
| | Engine | | | |
| | Belts | Proper Tension, Alignment | | |
| | Alternator/Generator | | | |
| | Starter | | | |
| | Governor | | | |
| | Leaks | | | |
| | | | | |
| | | | | |
| | | | | |

# DITCHING MACHINE FINAL OPERATION CHECK SHEET

| | SYSTEM OR COMPONENT | TESTING NOTES | SAT | UNSAT |
|---|---|---|---|---|
| | **Braking** | | | |
| | Foot Brake | Amount of Travel | | |
| | Parking Brake | Amount of Tension | | |
| | | | | |
| | **Vehicle** | Oil and Fuel Leaks, General Appearance, Loose Bolts, Fasteners, Fins and Linkages | | |
| | Wheel | Wheel Nuts torque to 450-500 ft. lbs. | | |
| | Tires | | | |
| | Rim | | | |
| | **Controls and Instruments** | | | |
| | Control Switch | | | |
| | Gauges | | | |
| | Ammeter | | | |
| | Fuel Gage | | | |
| | Water Temperature Gage | | | |
| | Oil Pressure Gage | | | |
| | Engine Warning Light and Buzzer | | | |
| | Master Switch | | | |
| | Starter | | | |
| | Engine Tachometer/Hourmeter | | | |
| | Quick Start | | | |
| | Pull Stop | | | |
| | Levers and Controls | | | |
| | | | | |
| | | | | |

Additional Information

# CONTRACT DATA REQUIREMENTS LIST

*(1 Data Item)*

*Form Approved*
*OMB No. 0704 0188*



| A. CONTRACT LINE ITEM NO. | B. EXHIBIT | C. CATEGORY: TDP ____ TM ____ OTHER X |
|---|---|---|
| | | |

| D. SYSTEM/ITEM | E. CONTRACT/PR NO. | F. CONTRACTOR |
|---|---|---|
| Ditching Machine Model 2300 | | |

| 1. DATA ITEM NO. | 2. TITLE OF DATA ITEM | 3. SUBTITLE |
|---|---|---|
| A001 | Contractor's Progress, Status, and Management Report | Monthly Progress Report |

| 4. AUTHORITY *(Data Acquisition Document No.)* | 5. CONTRACT REFERENCE | 6. REQUIRING OFFICE |
|---|---|---|
| DI-MGMT-80227 | SOW 3.8.b | MCLBA (837) |

| 7. DD 250 REQ | 9. DIST STATEMENT REQUIRED | 10. FREQUENCY | 12. DATE OF FIRST SUBMISSION |
|---|---|---|---|
| LT | | MTHLY | See Blk 16 |
| **8. APP CODE** | | **11. AS OF DATE** | **13. DATE OF SUBSEQUENT SUBMISSION** |
| | | | See Blk 16 |

**16. REMARKS**

Contractor format is authorized.

Blk 4 - Tailor DI-MGMT-80227 as follows: Delete paragraphs 10.3g, 10.3h, 10.3i, 10.3j, 10.3k, and 10.3n.

Blk 12 - The reporting period shall be from the first to last business day of each month. Initial submission shall be 60 DAC.

Blk 13 - Subsequent submissions shall be 10 days after the last business day of each month.

Distribution Statement A: Approved for public release, distribution is unlimited.

**14. DISTRIBUTION**

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| MCLBA (837-1) | 0 | 1 | 0 |
| **15. TOTAL** → | 0 | 1 | 0 |

| 17. PRICE GROUP | 18. ESTIMATED TOTAL PRICE |
|---|---|
| | |

| G. PREPARED BY | H. DATE | I. APPROVED BY | J. DATE |
|---|---|---|---|
| | 13 DEC 99 | | 13 DEC 99 |

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# CONTRACT DATA REQUIREMENTS LIST

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*OMB No. 0704-0188*



| A. CONTRACT LINE ITEM NO. | B. EXHIBIT | C. CATEGORY: TDP ____ TM ____ OTHER X |
|---|---|---|
| | | |

| D. SYSTEM/ITEM | E. CONTRACT/PR NO. | F. CONTRACTOR |
|---|---|---|
| Ditching Machine Model 2300 | | |

| 1. DATA ITEM NO. | 2. TITLE OF DATA ITEM | 3. SUBTITLE | 17. PRICE GROUP |
|---|---|---|---|
| B001 | Repairable Item Inspection Report | | 18. ESTIMATED TOTAL PRICE |

| 4. AUTHORITY *(Data Acquisition Document No.)* | 5. CONTRACT REFERENCE | 6. REQUIRING OFFICE |
|---|---|---|
| DI-ILSS-80386 | SOW 3.8.a | MLCBA (837) |

| 7. DD 250 REQ | 9. DIST STATEMENT REQUIRED | 10. FREQUENCY | 12. DATE OF FIRST SUBMISSION |
|---|---|---|---|
| LT | | ASREQ | See Blk 16 |
| **8. APP CODE** | | **11. AS OF DATE** | **13. DATE OF SUBSEQUENT SUBMISSION** |
| | | | See Blk 16 |

**16. REMARKS**

Contractor format is authorized.

Blk 10 - A separate report shall be submitted for each Ditching Machine Model 2300 repaired.

Blks 12 & 13 - Submit report by Marine Corps Serial Number 30 days after completion of each Ditching Machine Model 2300.

Blk 14 - Reports shall be provided on hard copy.

Distribution Statement A: Approved for public release, distribution is unlimited.

**14. DISTRIBUTION**

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| | 13NOV99 | | 13 Nov 99 |

# CONTRACT DATA REQUIREMENTS LIST

*(1 Data Item)*

*Form Approved*
*OMB No. 0704-0188*



| A. CONTRACT LINE ITEM NO. | B. EXHIBIT | C. CATEGORY: TOP ____ TM ____ OTHER X |
|---|---|---|
| | | |

| D. SYSTEM/ITEM | E. CONTRACT/PR NO. | F. CONTRACTOR |
|---|---|---|
| Ditching Machine Model 2300 | | |

| 1. DATA ITEM NO. | 2. TITLE OF DATA ITEM | 3. SUBTITLE |
|---|---|---|
| C001 | Request For Waiver | Configuration Management |

| 4. AUTHORITY *(Data Acquisition Document No.)* | 5. CONTRACT REFERENCE | 6. REQUIRING OFFICE |
|---|---|---|
| DI-CMAN-80641B | SOW 3.3.2 | MCLBA (825) |

| 7. DD 250 REQ | 9. DIST STATEMENT REQUIRED | 10. FREQUENCY | 12. DATE OF FIRST SUBMISSION |
|---|---|---|---|
| LT | A | ASREQ | SEE BLK 16 |

| 8. APP CODE | 11. AS OF DATE | 13. DATE OF SUBSEQUENT SUBMISSION |
|---|---|---|
| | | |

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

**16. REMARKS**

Blk 4 - Contractor format is authorized.

Blks 10 & 12 - RFWs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.

RFWs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government.

RFWs shall be transmitted via E-Mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil

Distribution Statement A: Approved for public release; distribution is unlimited.

**14. DISTRIBUTION**

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|---|---|---|---|
| Dave Collins | 10 NOV 99 | | 15 Nov 99 |

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*OMB No. 0704-0188*



| A. CONTRACT LINE ITEM NO. | B. EXHIBIT | C. CATEGORY: TDP _____ TM _____ OTHER X |
|---|---|---|
| D. SYSTEM/ITEM: Ditching Machine Model 2300 | E. CONTRACT/PR NO. | F. CONTRACTOR |

| 1. DATA ITEM NO. | 2. TITLE OF DATA ITEM | 3. SUBTITLE |
|---|---|---|
| C002 | Request For Deviation | Configuration Management |

| 4. AUTHORITY *(Data Acquisition Document No.)* | 5. CONTRACT REFERENCE | 6. REQUIRING OFFICE |
|---|---|---|
| DI-CMAN-80640B | SOW 3.3.2 | MCLBA (825) |

| 7. DD 250 REQ | 9. DIST STATEMENT REQUIRED | 10. FREQUENCY | 12. DATE OF FIRST SUBMISSION |
|---|---|---|---|
| LT | A | ASREQ | SEE BLK 16 |
| **8. APP CODE** | | **11. AS OF DATE** | **13. DATE OF SUBSEQUENT SUBMISSION** |
| | | | |

**16. REMARKS**

Blk 4 - Contractor format is authorized.

Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.

RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government.

RFDs shall be transmitted via E-Mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil

Distribution Statement A: Approved for public release; distribution is unlimited.

**14. DISTRIBUTION**

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| 17. PRICE GROUP | 18. ESTIMATED TOTAL PRICE |
|---|---|
| | |

| G. PREPARED BY | H. DATE | I. APPROVED BY | J. DATE |
|---|---|---|---|
| Dave Collins | 10 Nov 99 | | 13 Nov 99 |

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